IN THE CLAIMS

Please amend the claims as follows:

1-25. (Canceled).

26. (Currently Amended): A method for reproducing data streams or data packets transmitted via at least one network using at least two reproduction units that are at least indirectly linked to the network, the method comprising:

transmitting data packets between the at least two reproduction units asynchronously; buffering data packets in the at least two reproduction units dynamically so as to be matched to the circumstances of the network;

synchronizing reproduction using the at least two reproduction units, wherein the reproduction units are synchronized in the region a range below 100 ms,

either by virtue of one of the reproduction units, as a master, prescribing its internal clock as a reference and at least one other reproduction unit, as a slave, aligning its internal clock with that of the master via the network or carrying a copy of the master clock and reproducing data streams or data packets based on this aligned clock,

or by virtue of the internal clock of an external unit available on the network being used as the master and all reproduction units, as slaves, aligning their internal clocks with that of the master via the network and reproducing data streams or data packets based on this aligned clock,

wherein at least some of the data streams or data packets are temporarily buffered in the reproduction units before reproduction, with audio files involving buffering in the region a range of approximately 1 to 5 sec; and

aligning the clock on the slaves each slave before reproduction for the first time and updating the clock periodically during the reproduction, the periodic update being performed

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on the slave for systematically matching the speed of operation of the internal clock in the

slave to that of the master in order to compensate for differences in the internal propagation-

time characteristics of the master and the slave,

wherein the internal clock in the slave is aligned by virtue of the internal clock in the

master being requested by the slave, a plurality of times, and by virtue of at least one data

packet, that may be identical to the packets for requesting the time on the master, being

transmitted from the slave to the master and being sent back, and the internal clock in the

slave being brought into line with the clock in the master on the basis of a mean propagation

time, calculated as a mean taking into account handling times in the units, for data packets

between the master and the slave.

27. (Previously Presented): The method as claimed in claim 44, wherein the network

is a network in which data packets are transmitted asynchronously or synchronously.

28. (Previously Presented): The method as claimed in claim 44 further comprising:

aligning the clock of the slave before reproduction for a first time; and

updating the clock periodically during the reproduction.

29. (Previously Presented): The method as claimed in claim 44, wherein the periodic

update is used on the slave for systematically matching a speed of operation of the internal

clock in the slave to that of the master to compensate for differences in internal propagation-

time characteristics of the master and slave.

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30. (Previously Presented): The method as claimed in claim 29, wherein the systematic matching involves scaling the internal clock in the slave using a constant correction factor.

31. (Previously Presented): The method as claimed in claim 44, wherein the internal clock is aligned by virtue of the internal clock in the master being requested by the slave, a plurality of times, and by virtue of at least one data packet that may be identical to the packets for requesting the time on the master, being transmitted from the slave to the master and being sent back, and the internal clock in the slave being brought into line with the clock in the master based on a propagation time or an average propagation time for data packets between master and slave.

- 32. (Previously Presented): The method as claimed in claim 44, wherein the propagation time is calculated as a mean taking into account handling times in the reproduction units.
- 33. (Previously Presented): The method as claimed in claim 26, wherein a first of the reproduction units that has a task of reproduction is automatically defined as the master.
- 34. (Previously Presented): The method as claimed in claim 26, wherein the data streams or data packets are at least one of digital audio, video data, a combination of digital audio or video data, compressed or uncompressed audio files of MP3, WAV, MPEG, or Windows Media.

- 35. (Previously Presented): The method as claimed in claim 34, wherein either same data are reproduced on the reproduction units or different channels of the data, in a case audio files in stereo format or multichannel, are reproduced on different reproduction units.
- 36. (Previously Presented): The method as claimed in claim 44, further comprising: buffering data packets in the at least two reproduction units dynamically so as to be matched to circumstances of the network.
- 37. (Currently Amended): The method as claimed in claim 26, wherein the individual reproduction units are synchronized in a region range of at least one of below 10 ms, or below 2 ms, or below 1 ms.
- 38. (Previously Presented): The method as claimed in claim 26, wherein the network is a wireless network or a radio network.
- 39. (Previously Presented): The method as claimed in claim 26, wherein during the reproduction by at least one reproduction unit at least one further reproduction unit is switched in synchronously by virtue of the unit that has been switched in automatically aligning itself with the present master and starting reproduction itself after buffering some of the data.
- 40. (Previously Presented): The method as claimed in claim 26, wherein the data packets or data streams are either fetched from a separate data server, or are fetched on one of the reproduction units, or are already available on the reproduction units, or are made

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available to the system in digital form via an analog/digital converter and/or a

compression/coding unit after supply in analog or digital form.

41. (Previously Presented): The method as claimed in claim 26, wherein the data

packets or data streams are read from a data source into a ring buffer in the master, with each

byte read in being provided with a unique address, and wherein, in a process that is

independent of the data streams being read into the ring buffer, the master sends the data to

the network from the ring buffer in blocks, straight after reading in, by broadcast, or by UDP

broadcast, or by multicast, with an addition of a protocol header that includes an address of a

first byte sent, a precise master time, and an address of the next byte that is to be sent by the

master to a codec of the master.

42. (Previously Presented): The method as claimed in claim 41, wherein the address

of the next byte that is to be sent by the master to the codec of the master is sent at least partly

in independent control blocks, which may be identical to control blocks for checking the

clock on the master.

43. (Previously Presented): The method as claimed in claim 26, further comprising:

sending a lost data portion again, to protect data integrity when a slave establishes that

a data portion has been lost on the network, by the master upon a request from the slave, with

the master performing this repeated sending only after a delay, and with the slaves making

the requests in staggered fashion such that identical requests are sent only once over the

network.

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44. (Previously Presented): A method for reproducing data streams or data packets transmitted via at least one network using at least two reproduction units which are at least indirectly linked to the network, the method comprising:

synchronizing reproduction using the at least two reproduction units,

either by virtue of one of the reproduction units, as master, prescribing its internal clock as reference and the other reproduction units, as slaves, aligning its internal clock with that of the master via the network or carrying a copy of the master clock and reproducing data streams or data packets on the basis of this aligned clock,

or by virtue of the internal clock of an external unit which is likewise available on the network being used as the master and all reproduction units, as slaves, aligning their internal clock with that of the master via the network and reproducing data streams or data packets on the basis of this aligned clock,

wherein the data streams or data packets are used to send at least one command to the reproduction units together with an associated execution time, the execution time being chosen such that at least a longest network delay time established in the network between the master and the reproduction unit can elapse between the transfer of the command to the network and the execution time.

45. (Previously Presented): The method as claimed in claim 26, wherein the data streams or data packets are used to send a bit rate of the master at which the master provides the data streams or data packets on the network, the reproduction unit using the sent bit rate to ascertain the delays that arise in the network.

46. (Previously Presented): A method for reproducing data streams or data packets transmitted via at least one network using at least two reproduction units which are at least indirectly linked to the network, the method comprising:

synchronizing reproduction using the at least two reproduction units,

either by virtue of one of the reproduction units, as master, prescribing its internal clock as reference and the other reproduction units, as slaves, aligning its internal clock with that of the master via the network or carrying a copy of the master clock and reproducing data streams or data packets on the basis of this aligned clock,

or by virtue of the internal clock of an external unit which is likewise available on the network being used as the master and all reproduction units, as slaves, aligning their internal clock with that of the master via the network and reproducing data streams or data packets on the basis of this aligned clock,

wherein a reproduction unit that has been switched in transfers the data streams or data packets received from the network directly to a codec, and the codec rejects the supplied data by muting until the codec detects a first valid frame, the codec is then stopped and the current byte is noted, and the codec in the reproduction unit then processes the data stream or the data packets again and is switched to reproduction when this current byte is played on the master.

47. (Previously Presented): The method as claimed in claim 26, wherein at least one of the reproduction units is for its part used as a master for a subnetwork, with appropriate repetitions being forwarded to a topmost master.

48. (Previously Presented): The method as claimed in claim 26, wherein at least one of the reproduction units has a memory that is used as a source of audio data, content of the audio data being obtained from the master or from another data source.

49. (Currently Amended): A computer readable medium containing program instructions for execution on a computer, which when executed by a processor, cause the computer to perform the method as recited in claim 26 comprising:

transmitting data packets between the at least two reproduction units asynchronously;

buffering data packets in the at least two reproduction units dynamically so as to be
matched to the circumstances of the network;

synchronizing reproduction using the at least two reproduction units, wherein the reproduction units are synchronized in a range below 100 ms,

either by virtue of one of the reproduction units, as a master, prescribing its internal clock as a reference and at least one other reproduction unit, as a slave, aligning its internal clock with that of the master via the network or carrying a copy of the master clock and reproducing data streams or data packets based on this aligned clock.

or by virtue of the internal clock of an external unit available on the network being used as the master and all reproduction units, as slaves, aligning their internal clocks with that of the master via the network and reproducing data streams or data packets based on this aligned clock,

wherein at least some of the data streams or data packets are temporarily buffered in the reproduction units before reproduction, with audio files involving buffering in a range of approximately 1 to 5 sec; and

aligning the clock on each slave before reproduction for the first time and updating the clock periodically during the reproduction, the periodic update being performed on the

slave for systematically matching the speed of operation of the internal clock in the slave to that of the master in order to compensate for differences in the internal propagation-time characteristics of the master and the slave,

wherein the internal clock in the slave is aligned by virtue of the internal clock in the master being requested by the slave, a plurality of times, and by virtue of at least one data packet, that may be identical to the packets for requesting the time on the master, being transmitted from the slave to the master and being sent back, and the internal clock in the slave being brought into line with the clock in the master on the basis of a mean propagation time, calculated as a mean taking into account handling times in the units, for data packets between the master and the slave.

50. (Currently Amended): A reproduction unit for carrying out a method as claimed in claim 26, comprising a network interface, a central computer unit with a memory, and means for at least indirectly outputting data, wherein the memory includes a permanently programmed data processing program, and wherein this program is activated automatically after a power supply is turned on, with the reproduction unit including means for automatically integrating the unit into the network configured to carry out a method for reproducing data streams or data packets via an output unit transmitted via at least one network, in which data packets are transmitted asynchronously, using at least two reproduction units which are at least indirectly linked to the network via a network interface, comprising:

the network interface configured to indirectly link the reproduction unit to at least one additional reproduction unit over the network;

a central computer unit configured to automatically integrate the reproduction unit into the network, and including a memory storing a permanently programmed data processing

program that is activated automatically after a power supply is turned on, the central computer unit being configured to synchronize reproduction of the data streams or data packets with the at least one additional reproduction unit, the reproduction time difference between the reproduction unit and the at least one additional reproduction unit being below 100 ms, either

by virtue of one of the reproduction units, as a master, prescribing its internal clock as a reference and at least one other reproduction unit, as a slave, aligning its internal clock with that of the master via the network or carrying a copy of the master clock, and reproducing the data streams or data packets based on this aligned clock,

or by virtue of the internal clock of an external unit available on the network being used as the master and all reproduction units, as slaves, aligning their internal clocks with that of the master via the network and reproducing the data streams or data packets based on this aligned clock; and

the output unit to at least indirectly output the data streams or data packets, wherein at least some of the data streams or data packets are temporarily buffered in the reproduction units before reproduction, with audio files involving buffering in the range of approximately 1 to 5 sec, the buffering being performed dynamically so as to be matched to the circumstances of the network,

the clock on each slave is aligned before reproduction for the first time and is updated periodically during the reproduction, the periodic update being used on the slave for systematically matching the speed of operation of the internal clock in the slave to that of the master in order to compensate for differences in the internal propagation-time characteristics of the master and the slave, and

the internal clock in the slave is aligned by virtue of the internal clock in the master being requested by the slave, a plurality of times, and by virtue of at least one data packet,

that may be identical to the packets for requesting the time on the master, being transmitted

from the slave to the master and being sent back, and the internal clock in the slave being

brought into line with the clock in the master on the basis of a mean propagation time,

calculated as a mean taking into account handling times in the units, for data packets between
the master and the slave.

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